

Raidon Technology Introduces PC04M-EZ PCIe 4.0 HBA for one M.2 NVMe SSD

Designed to add 1 high-speed M.2 NVMe SSD to PC or server

[Raidon Technology Inc.](#) introduces the [PC04M-EZ](#), an PCIe 4.0 HBA for one M.2 NVMe SSD.



The PC04M-EZ is a low-profile Host Bus Adapter (HBA) designed to add 1 high-speed M.2 NVMe SSD to PC or server. This compact adapter delivers blazing-fast PCIe 4.0 x4 performance (up to ~64Gb throughput) in a convenient form factor that fits small form factor builds and 1U servers. Its tray-based, tool-free installation makes upgrading storage incredibly simple, while a secure, key-locking drive tray protects your SSD and data. In short, the PC04M-EZ combines speed, ease of use, and security to enhance your system with the latest NVMe storage technology.

Packed with cutting-edge features, this sleek powerhouse is designed to deliver jaw-dropping performance, ironclad security, and effortless usability. Whether you're a gamer, content creator, tech enthusiast, or IT pro, the PC04M-EZ is your ticket to next-level storage!



Ligh

Lightning-Fast Speeds That Redefine Performance

The PC04M-EZ's **PCI Express 4.0 x4 interface**, pumping out up to **64 Gb of throughput** – that's double the speed of PCIe 3.0! Harness the full power of the latest NVMe SSDs for RW speeds that make lag a distant memory. Not ready for PCIe 4.0 ? No problem – it's backward compatible with PCIe 3.0, ensuring top-tier performance on your current setup. Load games in seconds, transfer massive files instantly, and experience computing like never before!

Sleek, Compact Design for Any Build

The PC04M-EZ is engineered for versatility with its **low-profile design**, measuring just **68.9 (H) x 139 mm (L)**. Perfect for small form factor PCs, 1U servers, or even high-end gaming rigs, it fits where others can't. With **standard**

and low-profile brackets included, you'll have the flexibility to install it in any chassis. Build the PC of your dreams without compromising on space or style!

Effortless, Tool-Free Installation

Upgrading your storage has never been easier. The PC04M-EZ features a **tool-free SSD tray** that lets you swap M.2 SSDs in seconds – open the latch, slide in the drive, and click it shut. No screws, no hassle! A built-in **LED indicator** keeps you in the loop with real-time drive status and activity, making it a breeze for both tech newbies and seasoned builders.

Fortress-Like Security for Your Data

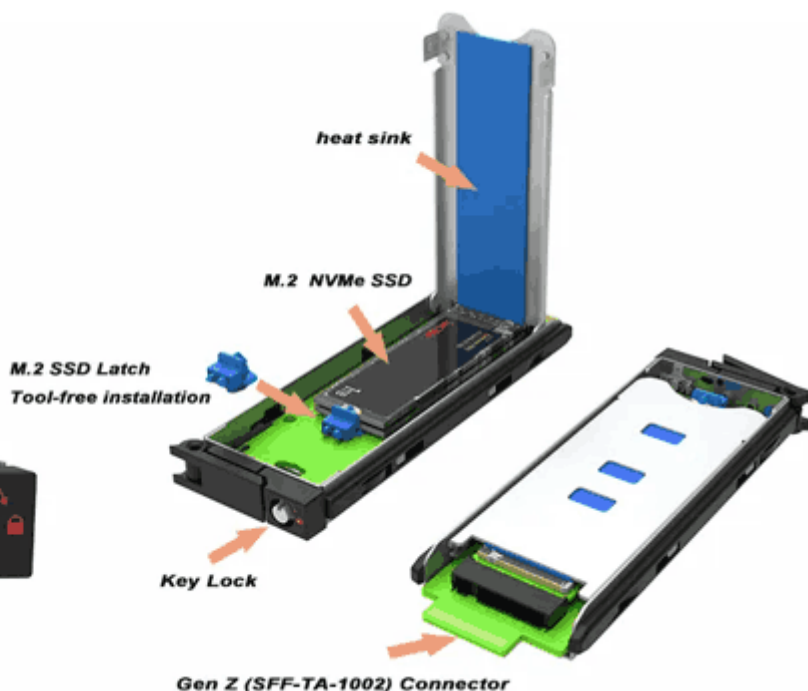
User data deserves the best protection, and the PC04M-EZ delivers. Its removable SSD tray includes an **integrated key lock mechanism**, physically securing the drive to prevent unauthorized access. This is a game-changer for shared workspaces, public environments, or anywhere data security is critical. With the PC04M-EZ, user sensitive files stay safe and sound.

Universal Compatibility for Ultimate Flexibility



The PC04M-EZ is built to work with *user's* system. It supports **M.2 NVMe SSDs in all common sizes** (2230, 2242, 2260, 2280) with an adjustable drive locker. Whether you're running **Windows, macOS, or Linux**, setup is a snap with no drivers required. From personal PCs to enterprise servers, this adapter is ready to roll, making it the ultimate plug-and-play solution.

Rock-Solid Durability for Non-Stop Performance



to withstand the toughest workloads, the PC04M-EZ boasts a **solid metal chassis** and **advanced heat dissipation** for reliable 24/7 operation. Whether you're crushing it in gaming marathons, editing 4K videos, or managing server tasks, this adapter keeps the SSD cool and is performance steady. It's the dependable partner user' system deserves.

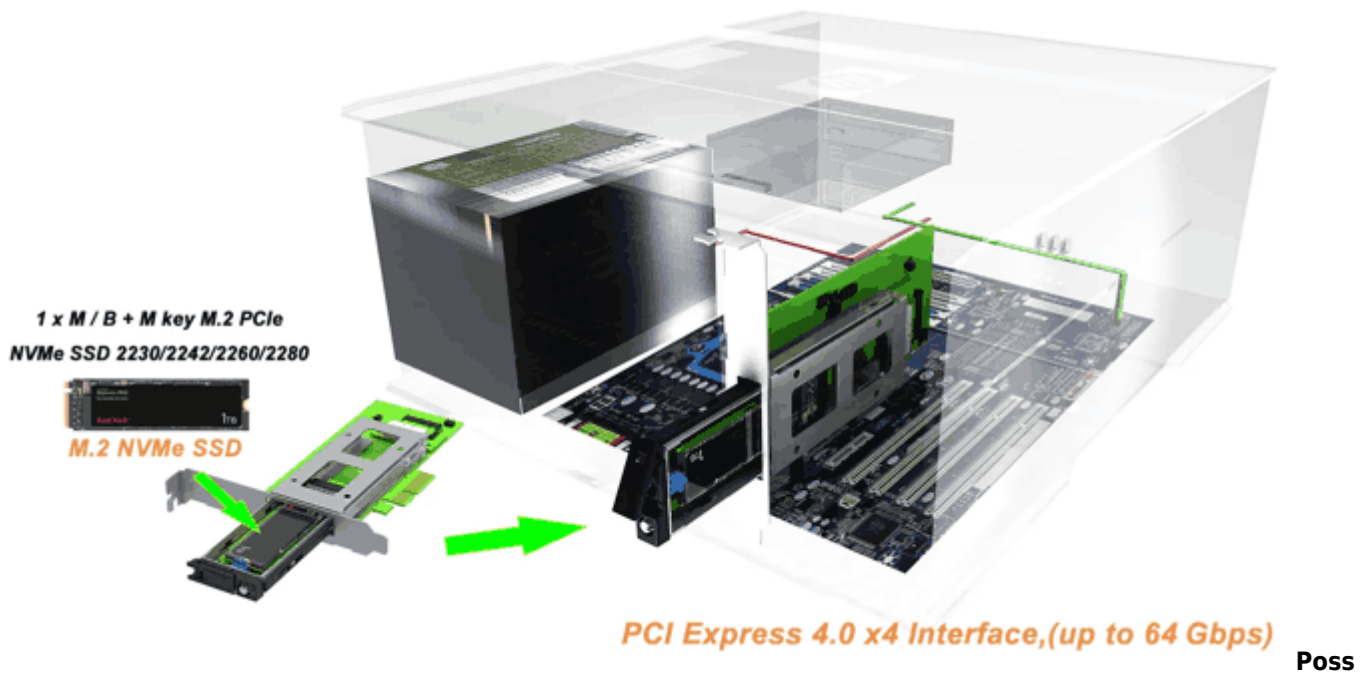
Who's It For?

Who You Are	Why You Need It
Tech Enthusiasts & System Builders	Craft compact, high-performance PCs with a low-profile design and dual brackets.
Gamers	Slash load times and dominate with ultra-fast NVMe SSD speeds.
Content Creators	Breeze through large video files and 3D projects with PCIe 4.0's massive bandwidth.
IT Professionals	Upgrade servers securely and efficiently with the key lock for data protection.

Why PC04M-EZ Outshines the Rest

In a sea of M.2 NVMe PCIe adapters, the PC04M-EZ stands tall. Its **PCIe 4.0 support** ensures you're ready for the next-gen of SSDs, delivering double the bandwidth of PCIe 3.0 competitors. The **key lock mechanism** is a rare gem, offering physical security most adapters lack. Add in **tool-free installation**, **universal compatibility**, and a **compact, durable design**, and you've got a product that's leagues ahead.

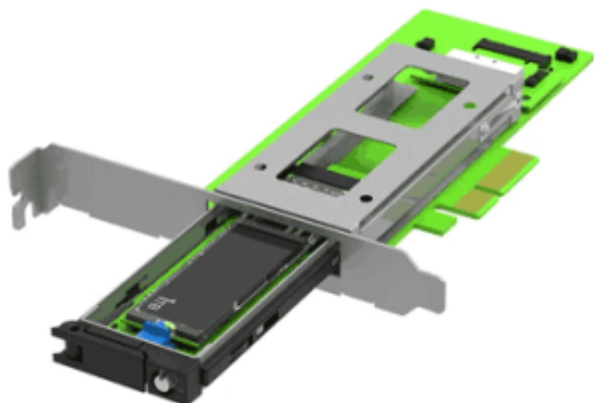
Industry experts praise M.2 NVMe PCIe adapters for their ability to breathe new life into older systems by enabling modern NVMe SSDs, and the PC04M-EZ takes this to the next level with its premium features (NVMe Adapter Review). As one reviewer noted, these adapters are 'game-changers' for upgrading PCs, and the PC04M-EZ's advanced capabilities make it the ultimate choice.



Poss

ible applications for PC04M-EZ

- **PC Upgrades:** Instantly modernize an older desktop by adding NVMe SSD storage. The PC04M-EZ lets you equip PCs that lack an M.2 slot with a blazing-fast NVMe drive, accelerating boot times and application launches. It's a solution for breathing new life into aging workstations or gaming rigs without replacing the whole system.
- **Compact Builds:** Ideal for small form factor builds, home theater PCs, and 1U servers. Its low-profile design and included half-height bracket ensure a fit in slim cases. User can add high-performance storage even in space-constrained builds, all while keeping the system neat and cable-free (the adapter draws power and connectivity directly from the PCIe slot).
- **Server Optimization:** Optimize user's server or NAS by adding a dedicated NVMe SSD for caching, high-speed scratch space, or tiered storage. The PC04M-EZ's robust HBA design and support for hot-swapping (with compatible motherboards) enable drive upgrades or replacements without shutting down the server. This makes it invaluable for improving database performance, virtualization hosts, or any 24/7 enterprise setup that demands reliability and minimal downtime.
- **Tech Labs and IT Departments:** Simplify storage management in testing labs, data recovery centers, or IT workshops. The tool-less removable tray allows technicians to quickly swap drives when imaging OS installations, running benchmarks across multiple SSDs, or transporting data between systems. Its driver-free, multi-OS compatibility means the same adapter can move between Windows, Mac, or Linux test benches. (Additional trays can be used to preload multiple SSDs for rapid interchange.)
- **Custom Workstation Setups:** For power users like video editors, 3D designers, and engineers, the PC04M-EZ enables flexible high-speed storage setups. Install one or several adapters in a workstation to create an array of ultra-fast NVMe scratch disks or project drives. The secure locking trays ensure that your working data (from 4K footage to large datasets) remains safe during transit or between editing bays. Professionals can count on the PC04M-EZ to deliver the speed and reliability needed for content creation, CAD, simulation, and other disk-intensive workflows.



Specification

Model No	PC04M-EZ
Interfaces	PCIe 4.0 x4
Compatible Drive	1 x M.2 NVMe SSD (2230/2242/2260/2280)
Certification	CE/FCC
Storage Mode	JBOD - Independent Mode
Dimension	68.9 mm (H) x 139 mm (L)
Operating System Support	Windows 7 or above, macOS 10.10 or above, Linux
Package Accessories	<ul style="list-style-type: none">* PC04M-EZ x 1* Quick Installation Guide x1* Standard Bracket x1* Low-Profile Bracket x1* Screws & TRAY unlock key